

## Message Text

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21

ACTION SY-05

INFO OCT-01 EUR-12 ISO-00 /018 W

----- 112845

R 170715Z FEB 76

FM AMCONSUL FRANKFURT

TO SECSTATE WASHDC 2941

LIMITED OFFICIAL USE FRANKFURT 1146

E.O. 11652: N/A

TAGS: ASEC

SUBJ: WALK-THRU METAL DETECTORS

FOR A/SY/T FROM OIC/RTC

1. FRISKEM MODEL 43 METAL DETECTOR S/N 022 SUCCESSFULLY INSTALLED  
IN CONSULAR SECTION OF AMEMBASSY STOCKHOLM 31 JAN 76.

2. PROJECT WAS NOT WITHOUT PROBLEMS HOWEVER. UNIT WAS  
RECEIVED VIA AIR FREIGHT FROM AMEMBASSY ABIDJAN IN SEVERELY  
DAMAGED CONDITION. WOODEN PARTS WERE SCORED, BROKEN, ELECTRONICS  
PACKAGE WAS RATTLING LOOSE IN CRATE. CAUSE WAS EXTREMELY POOR  
JOB OF CRATING, NO SOFT WRAPPING USED, FEW AND WEAK BRACINGS.  
FORTUNATELY, ELECTRONICS WAS NOT HURT, POST CARPENTERS WERE ABLE  
TO REPAIR OR REPLACE WOODEN MEMBERS. PLEXIGLASS PANELS WERE  
ADDED TO ENHANCE APPEARANCE.

3. INITIAL ASSEMBLY OF THE UNIT USING 220 VAC POWER SOURCE DIRECT  
WAS UNSUCCESSFUL. EVEN AFTER THE PROCEDURE FOR SUCH OPERATION  
(AS GIVEN ON PAGE 3 OF THE FRISKEM PRELIM ASSY INSTRUCTIONS) WAS  
FOLLOWED, THERE REMAINED A CIRCUIT SATURATION PROBLEM WITH THE  
AMMETER PEGGED TO THE RIGHT HAND LIMIT. TROUBLE-SHOOTING PER  
A/SY/T MEMO DATED 20 NOV 75 DID NOT CORRECT.

4. PROPER OPERATION OF THE UNIT WAS FINALLY ACHIEVED BY PRO-  
VIDING 110 VAC INPUT POWER FROM AN EXTERNAL STEPDOWN TRANSFORMER.  
AMMETER INDICATED 0.8 RADING INITIALLY; BY ADJUSTING NULL AND  
PHASE POTS, 0.2 READING WAS OBTAINED AND CIRCUIT SAT. LIGHT  
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EXTINGUISHED. UNIT THEN FUNCTIONED FULLY, GIVING ACCURATE

DETECTION INDICATIONS AT VARIOUS SENSITIVITY SETTINGS.

5. DETECTOR S/N 016 IN RTC LABORATORY WAS ALSO FOUND TO BE OPERATIONAL WHEN POWERED FROM 110 VAC SOURCE AND WITH NULL AND PHASE POTS PROPERLY ADJUSTED. THIS UNIT NOW UNDERGOING OPERATIONAL EVALUATION IN LAB. IT WILL BE OUR INTENTION TO INSTALL THIS UNIT AT AMEMBASSY PARIS PER PREVIOUS CORRESPONDENCE UNLESS OTHERWISE DIRECTED.

6. FROM ABOVE APPEARS PROBLEMS BEING EXPERIENCED ELSEWHERE MAY ALSO BE DUE TO INPUT VOLTAGE ABNORMALITY.

7. REQUEST COMPANY PROVIDE ADVICE RE PROPER ADJUSTMENT PROCEDURE FOR PHASE POT. LEHMANN

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** n/a  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 17 FEB 1976  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** morefirh  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
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**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
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**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
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**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
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**Review Authority:** morefirh  
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**Review Date:** 22 APR 2004  
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**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** WALK-THRU METAL DETECTORS FOR A/SY/T FROM OIC/RTC  
**TAGS:** ASEC  
**To:** STATE  
**Type:** TE  
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